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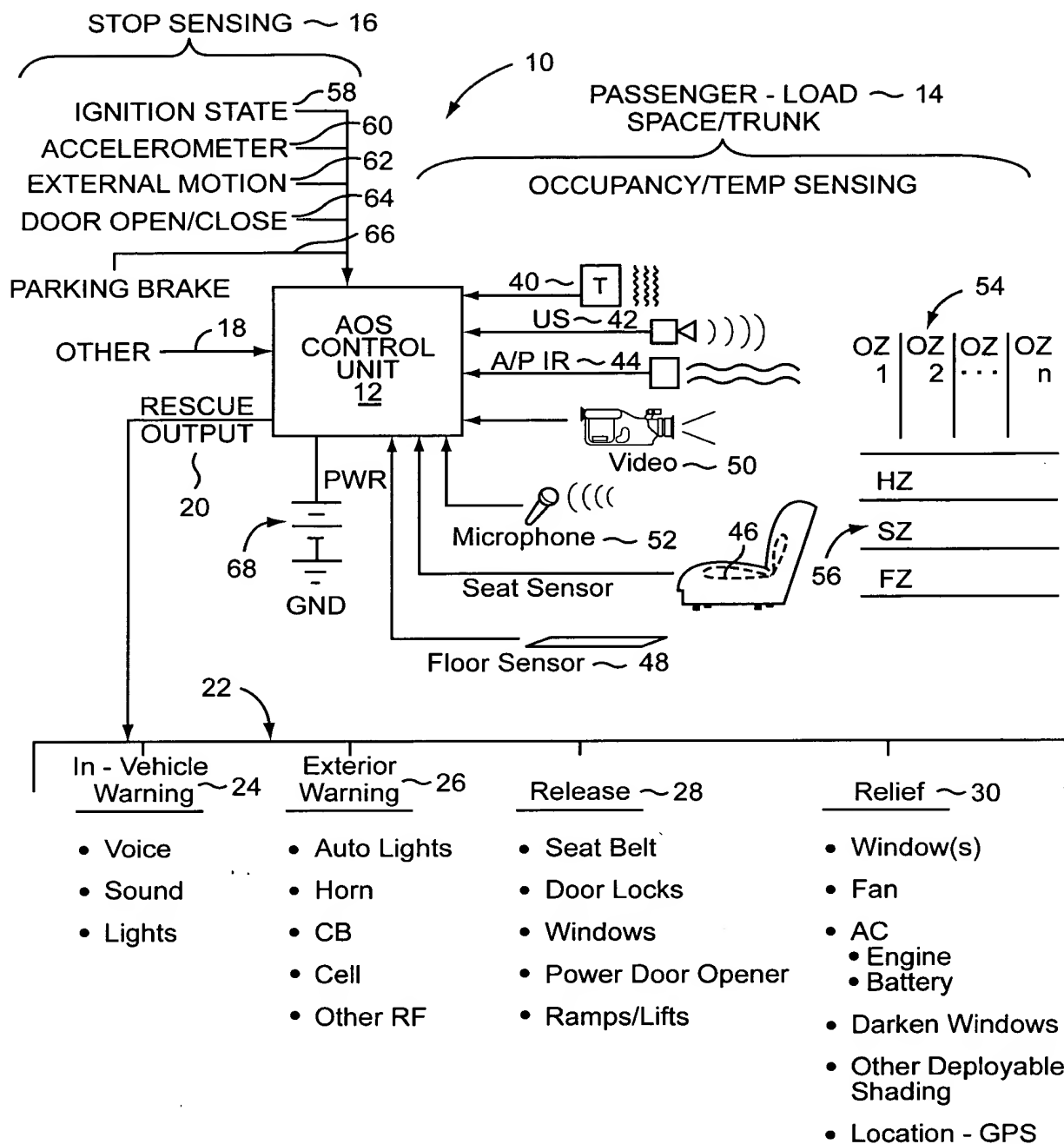


Fig. 1

```

graph TD
    OFF((OFF 132)) --> START[START 80]
    START --> TEMP_CHECK[TEMP CHECK 82]
    TEMP_CHECK --> D84{ABOVE 90°F? 84}
    D84 -- Y --> D88{MOVING? 88}
    D84 -- N --> D130{RESET? 130}
    D88 -- Y --> W1[INTERIOR WARNING I 94]
    D88 -- N --> D90{Occupancy State? 90}
    W1 --> D98{RESPONSE? 98}
    D98 -- Y --> D130
    D98 -- N --> D84
    D90 -- N --> SLEEP[SLEEP MODE 92]
    D90 -- Y --> D96{DRIVER PRSNT? 96}
    D96 -- Y --> W1
    D96 -- N --> W2[INTERIOR WARNING II 106]
    W2 --> D108{RESPONSE? 108}
    D108 -- Y --> Exit(( ))
    D108 -- N --> MTH[MONITOR TEMPERATURE HISTORY 116]
    MTH --> IOMR[INCREASE OS MONITORING RATES 118]
    IOMR --> CMA[CRITERIA MATRIX ALGORITHM 122]
    CMA -- "Cooling Meets Criteria 124" --> Exit
    CMA -- "Activate 126" --> R28[Release Level A B C 28]
    R28 --> D128{RESPONSE? 128}
    D128 -- Y --> MTH
    D128 -- N --> D130
    D130 -- Y --> TO92[TO 92]
    D130 -- N --> D84
    FROM130[FROM 130] --> SLEEP
    DB[(Database 120)] --> MTH
    DB --> IOMR
    
```

Fig. 2

Criteria